

Chapter 9. FAA WEATHER SERVICES

Section 1. GENERAL

9-1-1. PURPOSE

Surface meteorological observations are filed at scheduled and unscheduled intervals with stations having sending capability to WMSC for dissemination on the Service A domestic aviation weather system. These reports are aviation routine weather reports (METAR) and aviation selected special weather (SPECI). All reports will include a report type and the six-digit time of the observation. Computer sorting and validation requires exact adherence to format and procedure at all times.

9-1-2. SCHEDULED TRANSMISSION TIMES

a. **METAR REPORTS.** Prepare and code METAR reports for transmission between H+55 and H+00.

1. M1FC entry, use TA mask and specify H in the time field.

2. AIS entry, use /T procedures between H+46 and H+54. Use /D procedure between H+55 and H+00.

b. **SPECI AND DELAYED OR CORRECTED REPORTS.** Transmit SPECI, delayed or corrected reports as soon as possible after H+00.

1. M1FC entry, use TA mask and leave the time field blank.

2. AIS entry, use /D procedure.

9-1-3. DISTRIBUTION

Most meteorological and NOTAM data exchanged outside of the facility is dependent on the Weather Message Switching Center Replacement (WMSCR). It is important to adhere to strict format and procedures during normal operations, as well as during system interruption periods.

a. **Circuit interruption.** Notify your tie-in facility, the AIS Customer Service Center, WMSCR and, if appropriate, the GS-200 Host facility of all outages. The AFSS facility should notify their FSDPS, AWP, and the appropriate telco servicing company.

b. All outage reports should refer to the correct circuit and/or equipment identification numbers. Facilities should obtain and record ticket numbers provided by AIS or the telco authority.

c. AIS and WMSCR telephone numbers are as follows:

1. AIS HELPDESK (800) 804-1310.

2. AIS EMERGENCY OUTAGE HOTLINE (703) 818-5551.

3. WMSCR (KNKAWMSC):
Atlanta 404-926-7931
Salt Lake City 801-320-2046.